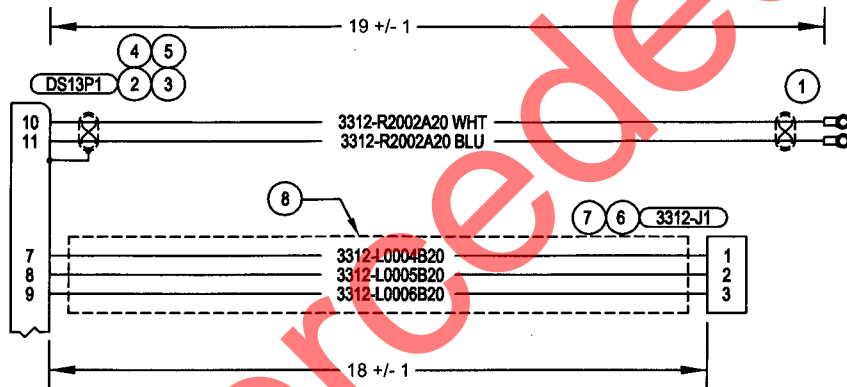


LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (5)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	
	1	6	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	7	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (18)	8	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-041 LH SPEAKER #1 HARNESS ASSY.

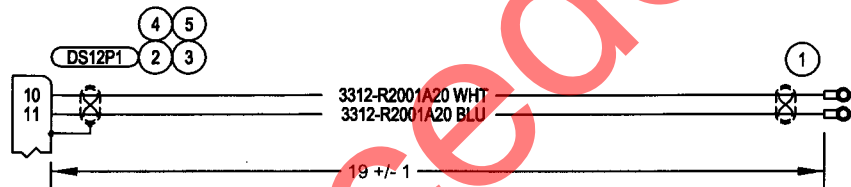
RELEASED  
13/7/24  
ECN 13-607

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

B	D4728-057 PIN NO. CHANGED	MM	13.07.22
A	NEW ISSUE	MM	12.09.26
REV.	DESCRIPTION	BY	DATE
DESIGN	MM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MM		
CHECKED	KB	DRAWING NO.	REV. B
MFG. APPR.	GL	D4728	SHEET 1 OF 15
APPROVED	MM	TITLE	SCALE
DE APPR.	MM	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



D4728-042 RH SPEAKER #1 HARNESS ASSY.

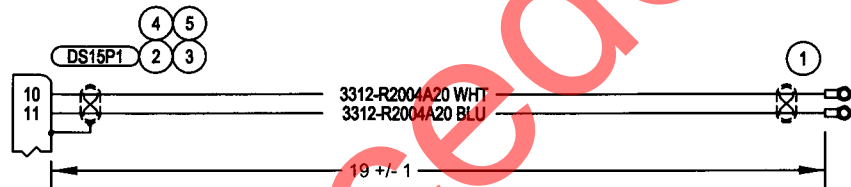
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24 CP

DESIGN	100m	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	100m		
CHECKED	KB	DRAWING NO.	REV. B
MFG. APPR.	GL	D4728	SHEET 2 OF 15
APPROVED	11	TITLE	SCALE
DE APPR.	11	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



D4728-043 LH SPEAKER #2 HARNESS ASSY.

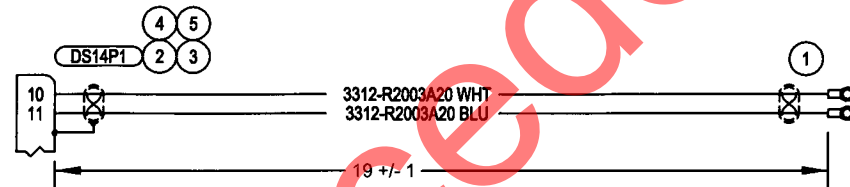
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24

DESIGN	100	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	100		
CHECKED	KB	DRAWING NO.	REV. B
MFG. APPR.	GL	D4728	SHEET 3 OF 15
APPROVED	100	TITLE	SCALE
DE APPR.	100	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



D4728-044 RH SPEAKER #2 HARNESS ASSY.

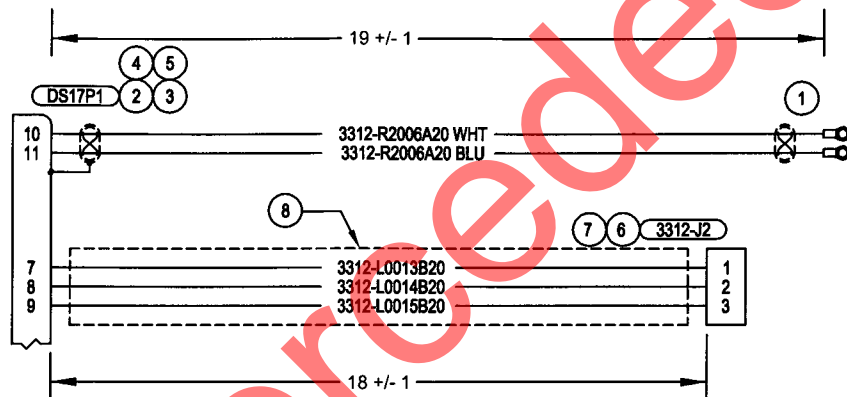
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
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- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
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- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24 CP

DESIGN	<i>man</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>man</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GP</i>	D4728	SHEET 4 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (5)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	
	1	6	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	7	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (18)	8	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-045 LH SPEAKER #3 HARNESS ASSY.

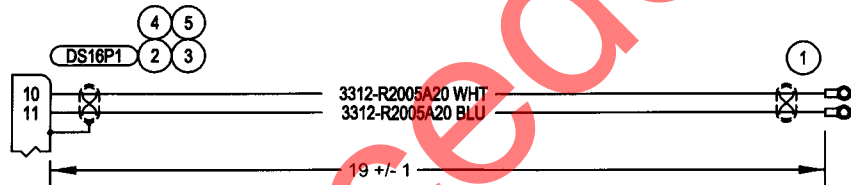
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
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- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4728	SHEET 5 OF 15
APPROVED		TITLE	SCALE
DE APPR.		UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL	TYCO ELECTRONICS
	1	2	M24308/4-2Z	CONNECTOR	
A/R (2)		3	M39029/64-369	CONTACTS	
	1	4	M85049/48-2-2F	BACKSHELL	
	1	5	M24308/26-1F	JACKSCREW KIT	



D4728-046 RH SPEAKER #3 HARNESS ASSY.

NOTES:

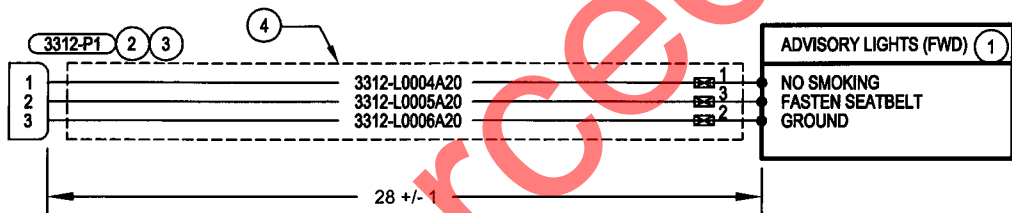
- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
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- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24 GP

DESIGN	<i>me</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>me</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GP</i>	D4728	SHEET 6 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	IS5083	ADVISORY LIGHTS	BIRK AEROSYSTEM
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (28)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-047 ADVISORY LIGHT (FWD) ASSY.

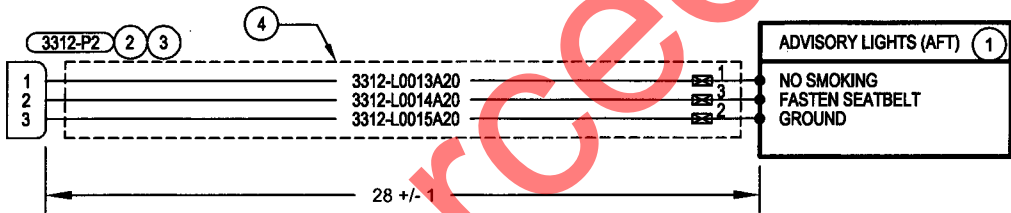
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHEIVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
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- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24 4P

DESIGN	<i>De</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>De</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GR</i>	D4728	SHEET 7 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	IS5083	ADVISORY LIGHTS	BIRK AEROSYSTEM
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (28)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-049 ADVISORY LIGHT (AFT) ASSY.

NOTES:

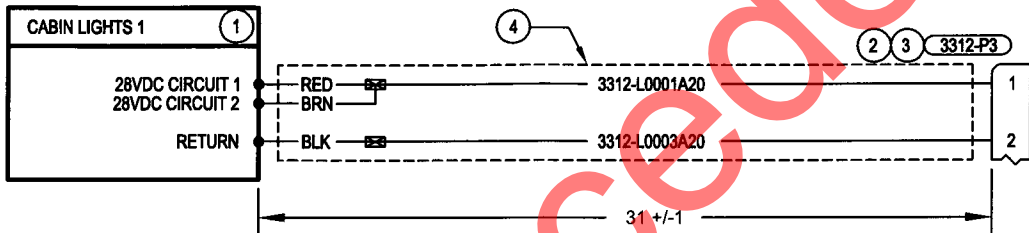
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- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24 GP

DESIGN	De	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	De		
CHECKED	KB	DRAWING NO.	REV. B
MFG. APPR.	GL	D4728	SHEET 8 OF 15
APPROVED	TH	TITLE	SCALE
DE APPR.	TH	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS						
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER	
	1	1	BR9741-401-001	CABIN LIGHTS	BRUCE AEROSPACE	
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS	
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS	
	A/R (31)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO	



D4728-051 CABIN LIGHT #1 ASSY.

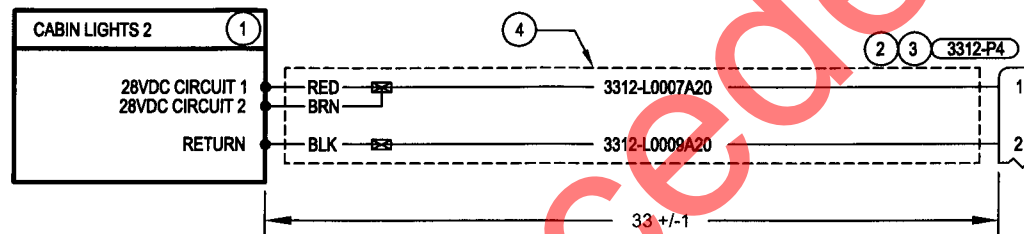
NOTES:

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- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24

DESIGN	<i>MS</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>MS</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GL</i>	D4728	SHEET 9 OF 15
APPROVED	<i>MS</i>	TITLE	SCALE
DE APPR.	<i>MS</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	BR9741-401-001	CABIN LIGHTS	BRUCE AEROSPACE
	1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (33)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-053 CABIN LIGHT #2 ASSY.

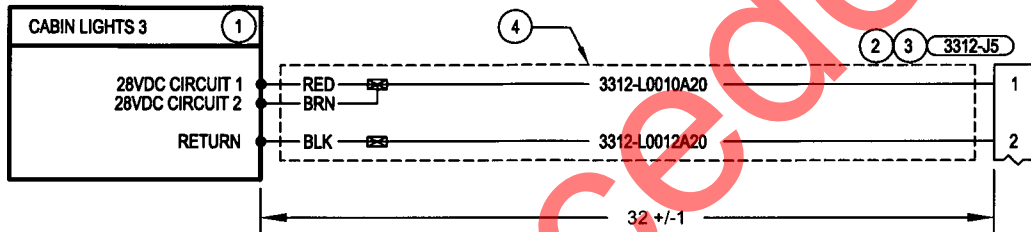
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTOR WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24

DESIGN	De	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	De		
CHECKED	KB	DRAWING NO.	REV. B
MFG. APPR.	GL	D4728	SHEET 10 OF 15
APPROVED	TH	TITLE	SCALE
DE APPR.	TH	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	BR9741-401-001	CABIN LIGHTS	BRUCE AEROSPACE
	1	2	1-480303-0	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	3	60617-1	CONTACTS	TYCO ELECTRONICS
	A/R (32)	4	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-055 CABIN LIGHT #3 ASSY.

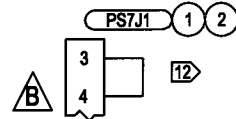
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHEIVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
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- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24 42

DESIGN	<i>De</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>De</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>CL</i>	D4728	SHEET 11 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	350781-1	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	2	350690-3	CONTACTS	TYCO ELECTRONICS



D4728-057 PS7J1 JUMPER ASSY.

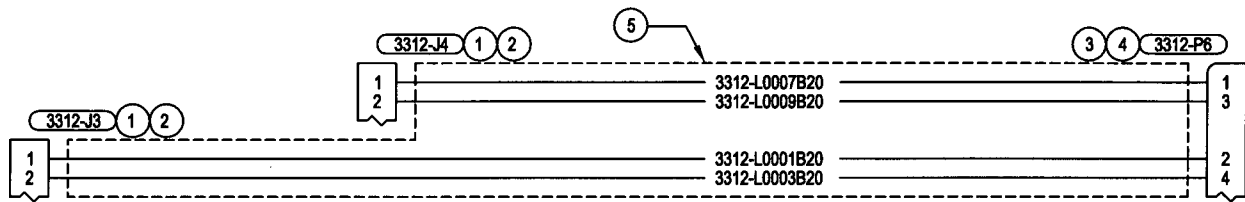
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
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- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- MAX 3 INCHES.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

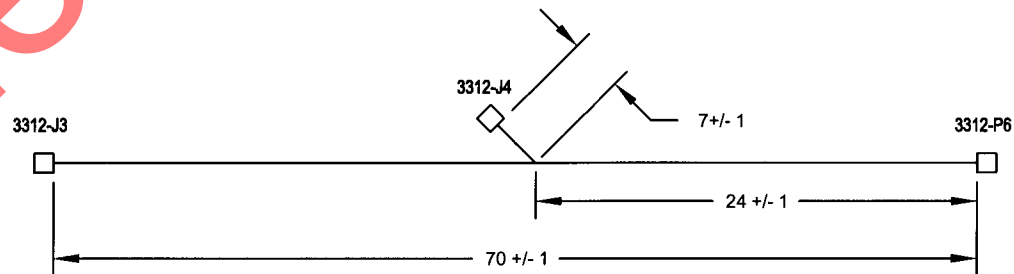
RELEASED  
13/7/24 GP

DESIGN	<i>Man</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>Man</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GP</i>	D4728	SHEET 12 OF 15
APPROVED	<i>GP</i>	TITLE	SCALE
DE APPR.	<i>GP</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS						
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER	
	2	1	1-480303-0	CONNECTOR	TYCO ELECTRONICS	
	A/R (4)	2	60617-1	CONTACTS	TYCO ELECTRONICS	
	1	3	1-480426-0	CONNECTOR	TYCO ELECTRONICS	
	A/R (4)	4	60618-1	CONTACTS	TYCO ELECTRONICS	
	A/R (77)	5	XPF-1/4	EXPANDABLE SLEEVING	EDMO	



D4728-059 CABIN LIGHTS HARNESS ASSY.



D4728-059 CABIN LIGHTS HARNESS VIEW

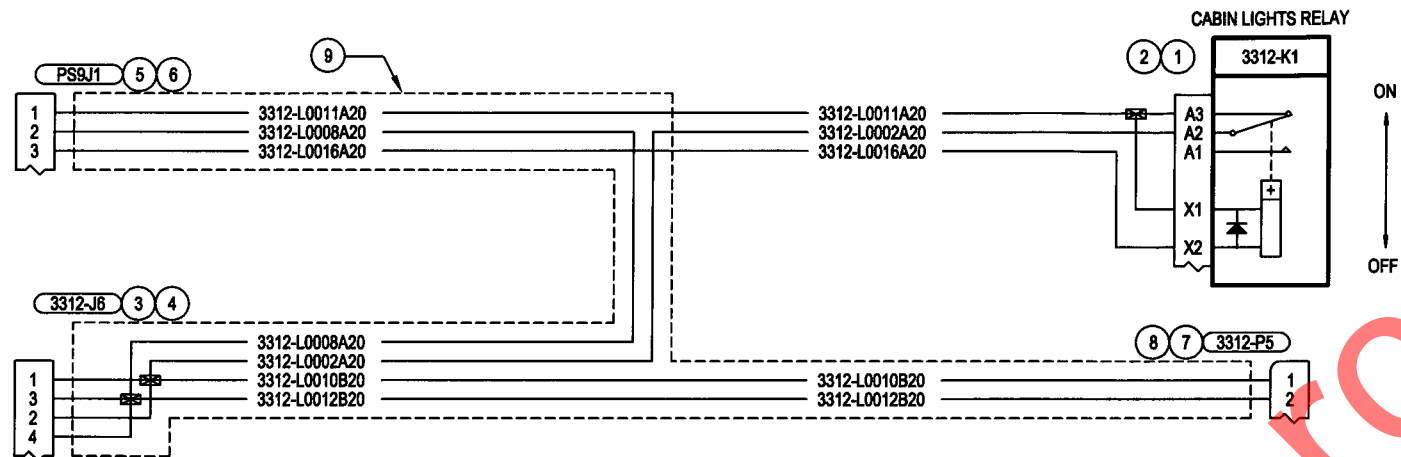
NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
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- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
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- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

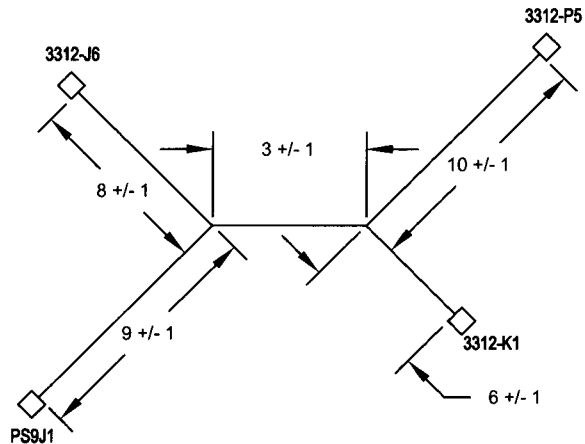
RELEASED  
13/7/24 GP

DESIGN	<i>MB</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>MB</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GP</i>	D4728	SHEET 13 OF 15
APPROVED	<i>GP</i>	TITLE	SCALE
DE APPR.	<i>GP</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	1	1	M83536/2-024M	RELAY	
	1	2	M12883/45-01	RELAY BASE	
	1	3	1-480424-0	CONNECTOR	TYCO ELECTRONICS
	A/R (4)	4	60617-1	CONTACTS	TYCO ELECTRONICS
	1	5	350781-1	CONNECTOR	TYCO ELECTRONICS
	A/R (3)	6	350690-3	CONTACTS	TYCO ELECTRONICS
	1	7	1-480305-0	CONNECTOR	TYCO ELECTRONICS
	A/R (2)	8	60618-1	CONTACTS	TYCO ELECTRONICS
	A/R (26)	9	XPF-1/4	EXPANDABLE SLEEVING	EDMO



D4728-061 CABIN LIGHTS CONTROL RELAY HARNESS ASSY.



D4728-061 CABIN LIGHTS CONTROL RELAY  
HARNESS VIEW

NOTES:

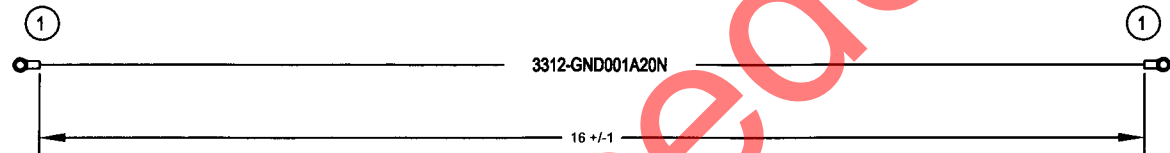
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RELEASED  
13/7/24 UP

DESIGN	Dea	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	Dea		
CHECKED	KB	DRAWING NO.	REV. B
MFG. APPR.	GR	D4728	SHEET 14 OF 15
APPROVED	TH	TITLE	SCALE
DE APPR.	TH	UTILITY INTERIOR WIRING HARNESS	NTS
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LIST OF MATERIALS					
QTY PER		ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	MS25036-103	TERMINAL	TYCO ELECTRONICS



D4728-063 CABIN TEMP SENSOR JUMPER ASSY.

NOTES:

1. ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
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5. KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
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10. A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
11. UNITS: INCHES UNLESS OTHERWISE NOTED.
12. IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

RELEASED  
13/7/24

DESIGN	<i>Dea</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>Dea</i>		
CHECKED	<i>KB</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>GR</i>	D4728	SHEET 15 OF 15
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	UTILITY INTERIOR WIRING HARNESS	NTS
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